

PATENT

GK-US045298

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :  
Junghee RYU :  
Serial No.: New (PCT/KR2003/001314) :  
Filed: Herewith (Intn'l Filing Date: July 3, 2003) :  
For: METHOD AND APPARATUS FOR :  
DISPLAYING A TIME-VARYING CODE :  
TO A HANDHELD TERMINAL, AND :  
METHOD AND APPARATUS FOR :  
APPROVAL AUTHENTICATION :  
PROCESSING BY USING THE SAME :  
:

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

In accordance with MPEP 609 and 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant brings the attached references to the Examiner's attention and requests that they be considered and made of record in this application. Also attached is a completed PTO-1449 form. This Information Disclosure Statement is being filed with this application. Thus, *no fee is believed to be due for this Information Disclosure Statement.*

Since International Application No. PCT/KR2003/001314 entered the national stage under 35 U.S.C. 371 after June 30, 2003 (when this U.S. application was filed), the U.S. Patent and Trademark Office waives the requirement under 37 C.F.R. 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication.

Japanese Patent Application Publication No. 63-19091 appears to disclose a coding system, which according to the International Search Report is relevant to claim 1 of the PCT application. (See Figure 1).

Korean Patent Application No. 10-2001-0064678 appears to disclose an information service system using a barcode in a wireless terminal. The International Search Report cites claim 1 of this publication as being relevant to claim 5 of the PCT application.

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Korean Patent Application Publication No. 10-2002-0023098 appears to disclose an electronic pay me system using a barcode. The International Search Report cites the abstract (English translation attached) as being relevant to claim 5.

\* \* \*

Prompt examination on the merits is respectfully requested.

Respectfully submitted,

  
\_\_\_\_\_  
David L. Tarnoff  
Reg. No. 32,383

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Dated: 12-30-04

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DT1 Rec'd PCT/PTO 30 DEC 2004

PTO/SB/08A (08-00)

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**Substitute for form 1449A/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

***Complete if Known***

Application Number Int'l App PCT/KR2003/001314

Filing Date: Int'l Filing Date: July 3, 2003

First Named Inventor Junghee BYU

### Group Art Unit

**Examiner Name**

Packet Number GK-US045298

Digitized by srujanika@gmail.com

## MENTS

DOCUMENTS

of Patentee or Applicant  
Cited Document

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office.